

# EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

BEST AVAILABLE COPY

PUBLICATION NUMBER : 11345892  
PUBLICATION DATE : 14-12-99

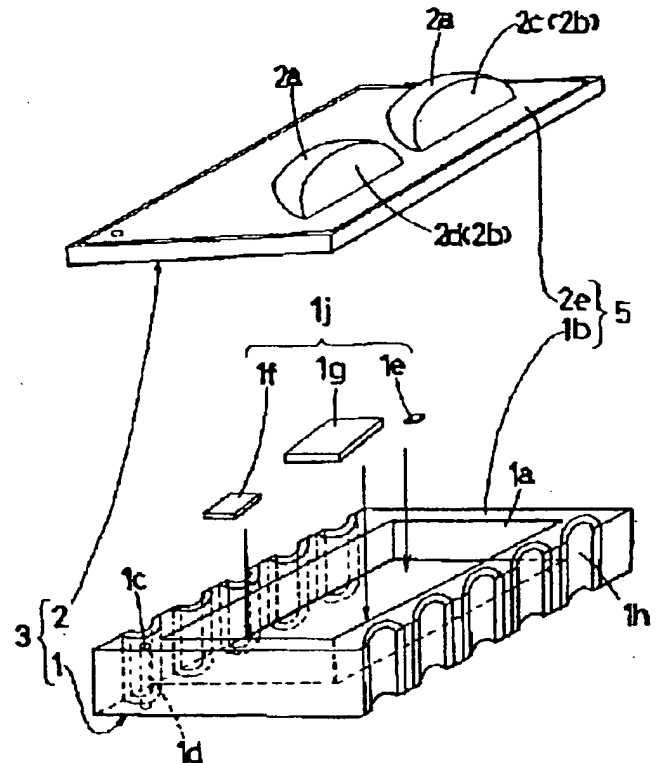
APPLICATION DATE : 29-05-98  
APPLICATION NUMBER : 10150056

APPLICANT : MATSUSHITA ELECTRIC WORKS LTD;

INVENTOR : MATSUSHIMA SHUNSUKE;

INT.CL. : H01L 23/02 H01L 23/04 H01L 23/08  
H01L 23/28 H04B 10/28 H04B 10/02

TITLE : OPTICAL SIGNAL TRANSMISSION  
ELEMENT



ABSTRACT : PROBLEM TO BE SOLVED: To provide a small-sized optical signal transmission element.

SOLUTION: This optical signal transmission element for transmitting information based on a transmitting light signal and a receiving light signal, includes a light-emitting element 1e for emitting the transmitting light signal, a light-receiving element 1f for receiving the receiving light signal, a signal processing part 1g for processing the received light signal, and an enclosure member 3 for accommodating the light-emitting and the receiving elements 1e and 1f and the signal processing part 1g therein as an object 1j to be accommodated. The enclosure member 3 is provided on its outer surface side with a shielding metallic part 5.

COPYRIGHT: (C)1999,JPO